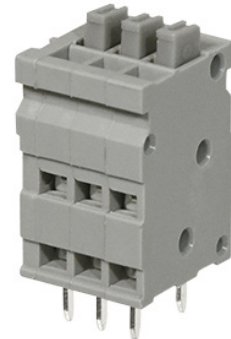


## SERIES: TBL009V-254 | DESCRIPTION: TERMINAL BLOCK

### FEATURES

- 2~24 poles
- vertical with board
- interlocking (side)
- push button clamp
- 2.54 mm pitch
- UL safety approval
- IEC 60947-7-4 compliant



### SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage (per contact)	UL			150	V
	IEC			160	V
rated current (per contact)	UL			5	A
	IEC			6	A
withstanding voltage	for 1 minute		1300		Vac
surge voltage				2500	V
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	500			MΩ
operating temperature		-40		105	°C
safety approvals	UL 1059 certified, IEC 60947-7-4 compliant				
flammability rating	UL94V-0				
RoHS	yes				

### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 5 seconds		250		°C

### PART NUMBER KEY

#### TBL009V-254 - XX XX - 2XX

Base Number	No. of Poles:	Body Color:	Push Button Color:
02	10 18	BE = blue	BE = blue
03	11 19	GR = green	GR = green
04	12 20	OR = orange	OR = orange
05	13 21	YL = yellow	YL = yellow
06	14 22	*GY = gray	*GY = gray
07	15 23	BK = black	BK = black
08	16 24		WT = white
09	17		

\*Standard housing color is gray with gray push button. All other colors are subject to higher MOQ. Please inquire with CUI Devices sales for details.

## MECHANICAL DRAWING

units: mm

tolerance:

$X \leq 6.00$ :  $\pm 0.20$  mm

$6.00 < X \leq 10.00$ :  $\pm 0.30$  mm

$10.00 < X \leq 30.00$ :  $\pm 0.50$  mm

$30.00 < X \leq 60.00$ :  $\pm 0.70$  mm

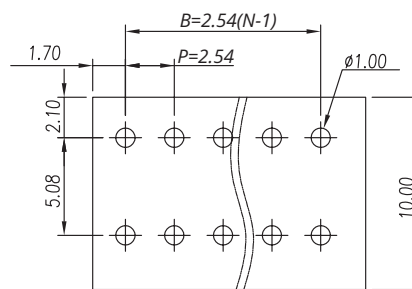
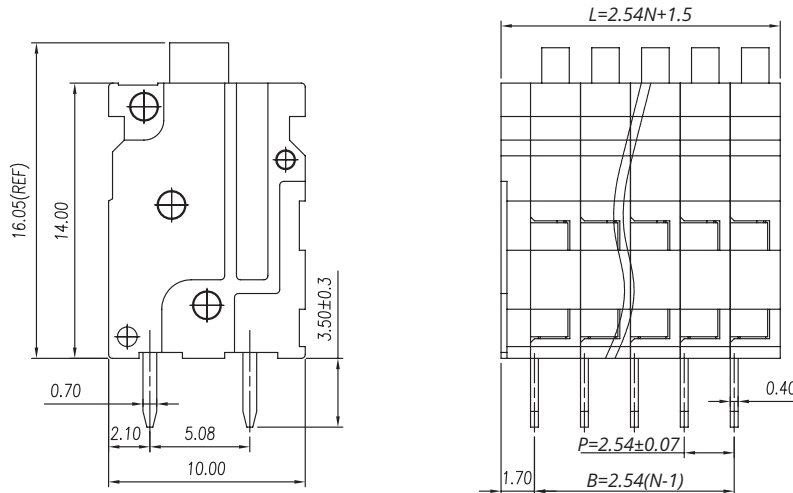
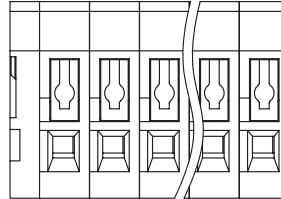
$60.00 < X \leq 100.00$ :  $\pm 1.00$  mm

$100.00 < X \leq 160.00$ :  $\pm 1.30$  mm

$X > 160.00$ :  $\pm 1.60$  mm

unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA66 (UL94V-0)	
contacts	copper alloy	tin



P.C.B. LAYOUT

WIRE ASSEMBLY		
	UL	IEC
Wire Range	26~18 AWG	0.5~1.0 mm <sup>2</sup>
Strip Length	11 mm	

This series is constructed of 1 pole modules where L is the total length, P is the pitch, and N is the number of poles.

N	02	03	04	05	06	07	08	09	10	11	12	13
L	6.58	9.12	11.66	14.20	16.74	19.28	21.82	24.36	26.90	29.44	31.98	34.52
B	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	25.40	27.94	30.48
N	14	15	16	17	18	19	20	21	22	23	24	--
L	37.06	39.60	42.14	44.68	47.22	49.76	52.30	54.84	57.38	59.92	62.46	--
B	33.02	35.56	38.10	40.64	43.18	45.72	48.26	50.80	53.34	55.88	58.42	--

## REVISION HISTORY

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rev.	description	date
1.0	initial release	08/13/2019
1.01	brand update	02/06/2020
1.02	updated datasheet	04/21/2020

The revision history provided is for informational purposes only and is believed to be accurate.

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